

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. 2283/301	SERIAL NO. 09/574,735
	APPLICANT Leivan DeVeylder et al.	
	FILING DATE May 18, 2000	GROUP ART UNIT 1645 1638

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
cc ↓	AA	5,750,862	5/12/1998	Peter C. L. John, et al.			
	AB	6,087,175	7/11/2000	Peter C. L. John, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN- SLATION IF APPRO- PRIATE
cc ↓	AH	WO 99 64599	12/16/99	PCT			
	AI	WO 99 14331	3/25/99	PCT			
	AJ	WO 97 26327 A	7/24/97	PCT			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

cc ↓	AK	Burssens S., et al. (1998) "The cell cycle in <i>Arabidopsis</i> ", <i>Plant Physiol. Biochem</i> 36(1-2): 9-19.
	AL	Burssens S., et al. (1998) "Identification of novel cell cycle genes in <i>Arabidopsis thaliana</i> ", current abstract <i>Plant Science and Biotechnology in Agriculture</i> 36.
	AM	Chen, J., et al. (1996) "Cyclin-Binding Motifs Are Essential For The Function Of p21 ^{CIP1} ", <i>Molecular and Cellular Biology</i> 16(9): 4673-4682.
	AN	de Almedia Engler, J., et al. (1999) "Molecular Markers And Cell Cycle Inhibitors Show The Importance Of Cell Cycle Progression In Nematode-Induced Galls And Syncytia", <i>Plant Cell</i> 11: 793-808.
	AO	Doerner, P., et al. (April 11, 1996) "Control of root growth and development by cyclin expression", <i>Nature</i> 380:520-523.
EXAMINER Cynthia Collins		DATE CONSIDERED 4/2/02
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 6 9; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
CC	BH	WO 00 60087	10/12/00	PCT			
↓	BI	WO 96 31534 A	10/10/96	PCT			
	BJ	WO 92 09685	6/11/92	PCT			

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CC ↓	BK	Doonan, J., (1996) "Plant Growth: Roots In The Cell Cycle", <i>Current Biology</i> 6(7): 788-789.
	BL	Forsburg, Susan L. (2000) "Themes and variations: the First Salk Institute Cell Cycle Meeting, 18-22 June 1999", <i>Biochimica et Biophysica Acta</i> 1470: R13-R16.
	BM	Fountain, M.D., (November 27, 1997) "Chenopodium rubrum G1 cyclin-dependent kinase inhibitor mRNA, complete cds." EMBL Accession No. AJ002173.
	BN	Hemerly A.S., et al. (1999) "Cell Cycle Control And Plant Morphogenesis: Is There An Essential Link?" <i>Bioessays</i> 21: 29-37.
	BO	Hemerly, A., et al., (December 1993) "cdc2a Expression in Arabidopsis is Linked with Competence for Cell Division", <i>The Plant Cell</i> 5: 1711-1723.
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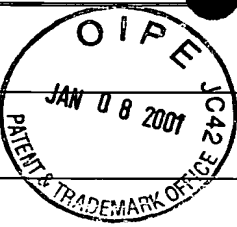
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CC	CH	WO 97 26327 A	7/24/97	PCT			
↓	CI	WO 97 20842 A	10/10/96	PCT			
↓	CJ	WO 97 16447 A	5/9/97	PCT			

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CC ↓	CK	Hemerly et al. (1995) "Dominant Negative Mutants of the CDC2 Kinase Uncouple Cell Division From Iterative Plant Development", <i>Embo Journal</i> 14(16): 3925-3936.
	CL	Hinds, Phil (1999) "The cell cycle Cold Spring Harbor, 20-24 May 1998", <i>Biochimica et Biophysica Acta</i> 1423:R63-R67.
	CM	Huntley, Rachel P., et al. (1999) "The Plant Cell Cycle", <i>Plant Biology</i> 2: 447-453.
	CN	Inze, D., et al. (1999) "Trends In Plant Cell Cycle Research", <i>Plant Cell</i> 11(1): 1-4.
	CO	Jacqumard, A., et al. (1999) "Expression Of CKS1At In <i>Arabidopsis thaliana</i> Indicates A Role For The Protein In Both The Mitotic And The Endoreduplication Cycle", <i>Planta</i> 207: 496-504.
EXAMINER <i>Lynthia Collins</i>		DATE CONSIDERED 4/2/02

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cc	DH	WO 93 15213 A	8/5/93	PCT			
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cc ↓	DK	LaBaer, J., et al. (1997) "New Functional Activities For The p21 Family of CDK Inhibitors", <i>Genes & Development</i> 11: 847-862.
	DL	Lui, H., et al. (2000) "The Arabidopsis Cdc2a-Interacting Protein ICK2 Is Structurally Related To ICK1 and is a potent inhibitor of cyclin-dependent kinase activity in vitro", <i>Plant Journal</i> 21(4): 379-385.
	DM	Mironov, V., et al. (1999) "Cyclin-Dependent Kinases And Cell Division In Plants-The Nexus", <i>Plant Cell</i> 11: 509-522.
	DN	Nakamura Y. (April 14, 1998) "Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone:K24G6" EMBL Accession No. AB012242.
	DO	Nakayama, K. et al. (1998) "Cip/Kip Cyclin-Dependent Kinase Inhibitors: Brakes Of The Cell Cycle Engine During Development", <i>Bioessays</i> 20: 1020-1029.

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	EJ						

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CC ↓ ↓	EK		Niebel, A., et al. (1996) "Induction of cdc2a and cyclA1 At Expression in <i>Arabidopsis thaliana</i> During Early Phases of Nematode-Induced Feeding Cell Formation", <i>Plant Journal</i> 10(6): 1037-1043.
	EL		Planchais, S., (1997) "Roscovitine, a novel cyclin-dependent kinase inhibitor, characterizes restriction point and G2/M transition in tobacco By-2 cell suspension", <i>The Plant Journal</i> 12(1):191-202.
	EM		Pyke, K, et al. (1999) "Cellular Differentiation and Leaf Morphogenesis in <i>Arabidopsis</i> ", <i>Critical Reviews in Plant Sciences</i> 18(4): 527-546.
	EN		Reed, S. I. (1996) "G1/S Regulatory Mechanisms From Yeast To Man", <i>Prog. Cell Cycle Res.</i> 2: 15-27.
	EO		Veylder De, et al. (1997) "The Arabidopsis CKS1 At Protein Binds The Cyclin-Dependent Kinases CDC2AAT and CDC2BAT", <i>Febs Letters</i> 412 no. 3 and 4: 446-452.

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	FH						
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ec	FK	Wang, H., et al. (1997) "A Plant Cyclin-Dependent Kinase Inhibitor Gene", <i>Nature</i> 386: 451-452.
↓	FL	Wang, H., et al. (1998) "ICK1, A Cyclin-Dependent Protein Kinase Inhibitor From <i>Arabidopsis thaliana</i> Interacts With Both Cdc2a and CycD3, And Its Expression Is Induced By Absciscic Acid", <i>Plant Journal</i> 15(4): 501-510.
↓	FM	Wang H., et al. (1997) "Arabidopsis thaliana cyclin-dependent kinase inhibitor protein (ICK1) mRNA, complete cds", EMBL Accession No. U94772, April 29, 1997.
	FN	
	FO	
EXAMINER <i>Cynthia Collier</i>		DATE CONSIDERED <i>4/2/02</i>

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